

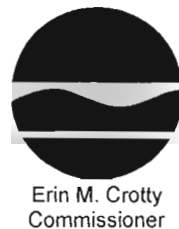
New York State Department of Environmental Conservation

Division of Environmental Remediation, Region 9

270 Michigan Avenue, Buffalo, New York, 14203-2999

Phone: (716) 851-7220 • FAX: (716) 851-7226

Website: www.dec.state.ny.us



MEMORANDUM

TO: Martin Doster
FROM: David Szymanski *DS*
SUBJECT: Lead Smelters List

DATE: October 30, 2002

This memorandum is being written to report current information found regarding a list of potential lead smelter sites in the Buffalo, NY, area. (See Attached Appendices A & B which are the source of this inquiry). Research at the Buffalo & Erie County Public Library, Central Library, provided Sanborn Map and City Business Directory information. Attached are copies of historical Sanborn Maps and of current Site locations. Below is a brief summary of what was interpreted from resource material for each of the listed sites:

Battery Lead Smelters:

29 Superior Street, Buffalo (C) - Lake Erie Smelting Corp.

Street is no longer in existence: Site is not defined well in Sanborn Maps. Site is now under the Towne Gardens shopping plaza at the corner of William and Jefferson Streets. Sanborn Map copy and photo attached.

856 E. Ferry Street, Buffalo (C) - Michael Hayman

Site is Listed in Registry of Inactive Hazardous Waste Sites: #915175. See NYSDEC Site file.

116 Oak, Buffalo (C) - National Lead

Site is now a municipally-operated parking lot; Sanborn map found. Site address varies in City Business Directories from Clinton St. to Oak St., etc. Sanborn Map copy and photo attached.

399 Genesee, Buffalo (C) - Reliance Lead, Solder & Babbitt Co., Inc.

Site is currently part of a leveled row of lots at the southeast quad of Genesee and Pratt Streets. Soil exposure is noted at surface of former lot. Adjacent new home construction is noted on both Genesee and Pratt Streets; Sanborn map found. City Business Directories indicate additional Plant #2 at 425 Broadway. Sanborn found for this location as well. Noted that a filling station may have existed adjacent to the Broadway parcel in the past. Smelter building at 425 Broadway appears leveled as well and there may be possible soil exposure at this lot. Directories indicate that a business office was also located at 386 Genesee Street. Sanborn Map copy and photos attached.

31 Stone Street, Buffalo (C) - Samuel Greenfield Co.

Site has some structures still on it; Owner (Darul-uloom al Madania) has had contractors excavating soils and stockpiling them onsite; Owner's contractors advised of potential contamination during site visit; Sanborn map found showing additional structures and rail spurs that previously existed on site. Sanborn Map copy and photos attached.

779 Walden Avenue, Depew (V) - Magnus Metals Div.

Invalid address for Village of Depew. Address exists in City of Buffalo, but no records found regarding Site. Magnus had a facility on Ellicott (later changed to Walden Avenue) which became N.L. Industries in Village of Depew. N.L. Industries Site is an inactive hazardous waste site currently under the NYSDEC Voluntary Cleanup Program V00353.

Babbitt and Solder Manufacturers:

328 Howard Street, Buffalo (C) - Buffalo White Metal Co,

On 1899 Sanborn Map, #338 Howard was a pipe shop; part of Jacob Dow Packaging Co. Sanborn Map Found from later date indicating Harry Fox & Co. Scrap Metal on this site. Property is current site of an asphalt parking lot adjacent to the John Paul Court housing development (south of William Street.) Sanborn Map copy and Photo attached.

✕ 197 Lathrop Street, Buffalo (C) - Lumen Bearing Co.

Structure still standing at north end. Building(s) at south end appear to have been demolished. The City of Buffalo currently owns the property. Found on 1899 Sanborn map; Expanded structures on later Sanborn maps. Adjacent to and across from residences; adjacent to active railroad on east side (old "Belt line".) Suspect USTs possibly on site. Sanborn Map copy and photos attached.

925 Bailey Avenue, Buffalo (C) - Merit Metals

No City Business Directory information on site found. A 1916 (updated to 1961) Sanborn map indicating a machine shop/ scrapyards operation was reviewed though no mention of "Merit Metals" was found. Current site of Schemm Machine Co. Sanborn Map copy and photo attached.

2200-2208 Elmwood Avenue, Buffalo (C) - Niagara Falls Smelting & Refining Div.

1916 (updated to 1961) Sanborn map indicating Continental Copper & Steel Industries, Inc. (NFS&R Div.) City Business Directory from 1940 shows business as named, but 1960 Directory indicates it as a Division of Continental Copper & Steel Industries, Inc. Sanborn Map Copy and photos attached.

1378 Niagara Street, Buffalo (C) - Niagara Metal Co.

Currently a parking lot and part of Garrett Leather Co. (former Mentholum Co. property); 1899 Sanborn map showing Holbur Co. at this location; City Business Directory for 1940 indicates existence of Niagara Metal Co. and names of John J. Kelly and Wm. E. Gleason. Adjacent to Chemcore Site #915176 at 1380 Niagara Street. Sanborn Map Copy and photo attached

attachments

Supplementary Material

Appendix A: Battery Lead Smelters

Appendix B: Babbitt Metal and Solders Smelters

Appendix A
 "Battery Lead Smelter" Sites Apparently Unknown to Federal
 And State Authorities

<u>Site</u>	<u>Address</u>	<u>City</u>	<u>MSR</u>
(State: Massachusetts, Region I)			
Harcon Corp.	41 Hilton St.	Boston	
Harcon Corp.	41 Bradston St.	Boston	
Vulcan Smelting Works	289 Third	Chelsea	
Richards Corp.	356 Commercial	Malden	
David Feinburg Co.	Fifth St.	Medford	plant
Arcade Smelting & Refining Corp.	--	Squantum	
(State: New Jersey, Region II)			
U.S. Metals Refining Co.	--	Carteret	equip
Magnolia Metal Co.	120 Bayway	Elizabeth	equip
Balbach Smelting & Refining Co.	Wilson & Doremus	Newark	plant
Barth Smelting Corp.	9 Fredon St.	Newark	
Eagle-Picher Lead Co.	--	Newark	
Hudson Smelting & Refining Co.	85-87 Hyatt Ave.	Newark	plant
Hudson Smelting & Refining Co.	576 Wilson Ave.	Newark	equip
Metal Reduction Corp.	4001 Dell Ave.	North Bergen	
Metals Disintegrating Co.	Morris Ave.	Townley	plant
(State: New York, Region II)			
City Metal Smelting & Refining Co.	61 N. 13th St.	Brooklyn	
Columbia Smelting & Refining Works	98 Lorraine	Brooklyn	
Consolidated Smelting	25 Provost Ave.	Brooklyn	
Fox & London Inc.	21 Provost St.	Brooklyn	
Glaser Lead Co.	21-31 Wyckoff Ave.	Brooklyn	
Kahn Bros. Smelting	785 Humboldt St.	Brooklyn	equip
Lee-Zurich Alloys Corp.	335 Calyer	Brooklyn	
United American Metals	970 Meeker St.	Brooklyn	
United American Metals	200 Diamond	Brooklyn	plant
Lake Erie Smelting Corp.	29 Superior	Buffalo	
Michael Hayman	856 E. Ferry	Buffalo	equip
National Lead	116 Oak	Buffalo	

Reliance Lead, Solder

& Babbitt Co. Inc.	399 Genessee St.	Buffalo	
Samuel Greenfield Co.	31 Stone	Buffalo	plant
Magnus Metals Div.	779 Walden Ave.	Depew	<i>No such address - 779 is in Buffalo @ H. May's</i>
Columbia Smelting & Refining Works Inc.	38-06 Review Ave.	Long Island City	
Goldsmith Bros. Smelting & Refining	43-20 12th St.	Long Island City	
Balbach Smelting & Refining Co.	63 Park Row	New York	
Duquesne Smelting Co.	18 E. 48th St.	New York	
Magnolia Metal Co.	75 West	New York	
Tottenville Copper Co.	Foot of W. 29th	New York	
A.M.A. Div.	P.O. Box 63	Oceanside	
A.M.A. Corp.	--	Rockville Centre	
Nassau Smelting & Refining Co.	603 W. 29th	Tottenville	plant

(State: Maryland, Region III)

Industrial Metal Melting	108 E. Barney	Baltimore	
Southern Smelting & Refining Works	200 Key Highway	Baltimore	plant

(State: Pennsylvania, Region III)

Hammond Lead Products	40 E. Main	Carnegie	
Schuylkill Valley Metals	--	Conshohocken	
Price Battery Corp.	--	Hamburg	
Penn Reduction & Refining Co.	--	New Castle	
American Alloys Co.	1939 E. Sargeant	Philadelphia	
Bers & Co.	Ashland & Lewis	Philadelphia	equip
Electric Storage Battery	42 S. 15th St.	Philadelphia	
Electric Storage Battery	19th & Allegheny	Philadelphia	
Girard Smelting & Refining Co.	Milnor & Bleigh Tacony Station	Philadelphia	plant
Halpern Metals Co.	5010 Lancaster Ave.	Philadelphia	
John T. Lewis & Bros.	2607 E. Cumberland	Philadelphia	
Jos. Rosenthal's Sons	1837 N. 2nd	Philadelphia	
Jos. Rosenthal's Sons	190-2 W. Berks St.	Philadelphia	
L. Goldstein's Sons Inc.	Wissinoming Ave. & Knorr	Philadelphia	equip
Ladenson Metals Co.	Castor Ave. E. of Richmond	Philadelphia	
Metro Smelting Co.	Ontario & Bath Sts	Philadelphia	
Morgan Smelters Inc.	Hedley St.		

Appendix B

"Babbitt and Solder Manufacturers" sites Unknown to Federal and

State Authorities

<u>Site</u>	<u>Address</u>	<u>City</u>	<u>MSR</u>
(State: Connecticut, Region I)			
David C. Sanford Co.	39 Drouve	Bridgeport	
Hamden Smelting Co. Inc.	30 Edmund St	Hamden	plant
Lapides Metal Corp.	322 Legion Ave	New Haven	equip
Surf Metal Co.	240 Great Meadow Rd	Stratford	

(State: Massachusetts, Region I)

Eastern Smelting & Refining Corp.	109 W. Brookline St	Boston	
General Metals & Smelting Co.	47 Burnham	Boston	
Harcon Corp.	523 Dorchester Ave	Boston	
Shawmut Smelting Co.	455 Columbia	Cambridge	
Charlestown Smelting Co.	235 Medford	Charlestown	
Harcon Corp.	105 5th St.	Chelsea	
Vulcan Smelting Works	115 Fifth	Chelsea	
Nick, Herman, & Co. Inc.	140 Granite Ave.	Dorchester	
Massachusetts Smelting & Refining Co.	257 3rd	E. Cambridge	
Acme Smelting Co. of Mass.	413 2nd	Everett	
Acorn Type Foundry	273 Lee Burbank Hwy	Revere	equip
Nick, Herman, Co., Inc.	135 Linwood St.	Somerville	
Brackett, Henry F. & Co.	587 E. 1st	South Boston	
Coran Bros. Corp.	509 E. 2nd	South Boston	

(State: Rhode Island, Region I)

Union Smelting & Refining Works	358 Public St.	Providence	
Union Smelting & Refining Works	604 S. Main St.	Providence	

(State: New Jersey, Region II)

Wolf, Jacques & Co.	350 Lexington Ave.	Clifton	
New Jersey Metals Co.	712 Rockefeller	Elizabeth	

Jackson Metal Co.	508 5th St.	Hoboken	
Jackson Metal Co.	501 Jackson	Hoboken	equip
Lehman, Ira & Co. Inc.	401 Jefferson	Hoboken	equip
Caswell, Strauss & Co.	Oak Tree Rd.	Iselin	plant
Aetna Smelting & Refining Works, Inc.	13 Center	Jersey City	
Richard Metal Refining B & S Metal Co.	675 Garfield Ave. 193 Pacific St.	Jersey City Newark	plant
Canfield, M.C., Sons Co.	93 Wilsey	Newark	
Coleman, Thomas	13 Reardon St.	Newark	
Frema Smelting & Refin'g Orchard Refining & Smelting Works Inc.	192 Murray 9-37 Victoria St.	Newark Newark	
Orchard Refining & Smelting Works Inc.	319 Chestnut	Newark	
Schroth, Emil A., Inc.	39 Hyatt Ave.	Newark	
Sepenuk, J. & Sons	21 Hyatt Ave.	Newark	
Mitchell, L.H. Co.	216 Klagg Ave.	Trenton	
Bohas Metals	Mutton Hollow Rd.	Woodbridge	

(State: New York, Region II)

Ney Smelting & Refining Alloys & Products Inc.	37-06 23rd Ave. Barry & Oak Point	Astoria Bronx	equip
Merit Metal Smelting Co.	1361 Seneca Ave.	Bronx	
AAA Alloys of America	12 Wyckoff Ave.	Brooklyn	
Alpha Metals & Rolling Mills	363-365 Hudson Ave.	Brooklyn	
Anchor Metal Co.	966 Meeker Ave.	Brooklyn	
Anchor Metal Co.	244 Boerum	Brooklyn	
Atlas White Metal Co.	77 Delevan	Brooklyn	
Battaglia Bros., Inc.	31 Washington	Brooklyn	
Brookhattan Smelting & Refining Co.	162 Richards St.	Brooklyn	
Brooklyn Scrap Metal Co.	171 Cook	Brooklyn	
Columbia Smelting & Refining Works	958 Meeker Ave.	Brooklyn	
Crescent Smelting Works	232 Seigel	Brooklyn	
Flynn, Michael Inc.	16 Court	Brooklyn	
Friedman Metal Co.	310 Oakland	Brooklyn	
Henning Bros & Smith Inc	91 Scott Ave.	Brooklyn	equip
Interstate Metals Co.	44 Court St.	Brooklyn	
Jackson-Wheeler Metal Service Inc.	270 Georgia Ave.	Brooklyn	

Jackson-Wheeler Metals Service, Inc.	320 Belmont Ave.	Brooklyn	
Kelly Metal Corp.	335 Calyer	Brooklyn	
Kornblum, Sidney	394 Johnson Ave.	Brooklyn	
Monroe Smelting Corp.	511 Kent Ave.	Brooklyn	
Pittsburgh White Metal	284 Hamilton Ave.	Brooklyn	
Prospect Smelting & Refining Works	149 2nd Ave.	Brooklyn	
Rutgers Metal Co.	145 Gardner Ave.	Brooklyn	
Standard Type Metals	261 N. 9th St.	Brooklyn	
Valenti Metal Corp.	973-978 Grand	Brooklyn	
American Nickel Alloy Mfg. Co.	318 Third Ave.	Brooklyn	
Wallabout Smelting & Refining Co.	31 Wilson	Brooklyn	
Buffalo White Metal Co.	328 Howard	Buffalo	
Luman Bearing Co.	197 Lathrop St.	Buffalo	<i>Quad @ Syracuse former furnace & etc</i>
Merit Metals	925 Bailey Ave.	Buffalo	
Niagara Falls Smelting & Refining Div.	2200-8 Elmwood Ave.	Buffalo	<i>Samuel @ Hillman equip</i>
Niagara Metal Co.	1378 Niagara St.	Buffalo	<i>nickel</i>
Glaser Lead Co. Inc.	142 Fulton Ave.	Garden City Park	
Electro Refractories Alloys Corp.	--	Kellogg	
Central Smelting Co.	25-25 51st Ave.	L.I. City	equip
Lissberger, Marks & Son	23-15 Borden Ave.	L.I. City	equip
Ney Smelting & Refining	44-09 10th	L.I. City	
Ney Smelting & Refining	37-06 23rd Ave.	L.I. City	
Stoll Metal Co.	36-08 Review Ave.	L.I. City	equip
Jack Rosen	203 S. 11th Ave.	Mt. Vernon	
Abbey Metal Corp.	868 E. 147th	New York	
Caswell, Strauss & Co.	17 State	New York	
Dorfman Metal Co.	96 Warren St.	New York	
Merit Metal Smelting Co.	1413 E. Bay Ave.	New York	
Metal Reclaiming Co.	285 Water St.	New York	
Monroe Smelting & Refining Works Inc.	90 Monroe St.	New York	
New York Solder Co.	684 E. 133rd	New York	
New York Solder Co. Inc.	15 Crosby	New York	
Paymer Metal Co.	632 Truxton	New York	
Standard Type Metals	263 W. 9th St.	New York	
Rochester Lead Works	380 Exchange St.	Rochester	
Empire Metal Co.	820 E. Water	Syracuse	
Roth Bros. Metal Co.	1107 S. State	Syracuse	equip
Katzman, N. & Co.	115 Broadway	Utica	
Neo Smelting & Refining	150-40 11th Ave.	Whitestone	
Yonkers Metal Corp.	957 Saw Mill River Rd	Yonkers	

Ben Chersky & Sons	3500 Emery	Los Angeles	
California By-Products	5717 S.District Bl	Los Angeles	
Liberty Metal Co.	2005 Bay	Los Angeles	
Mobile Smelting Co.	11813 S. Alameda	Los Angeles	
California Smelting & Refining Co.	1549 N. Fishburn Av	Los Angeles	
Electric Babbitt Metals	739 N.Main	Los Angeles	
Bercovich, A. Co.	127 2nd	Oakland	
Bercovich, A., Co.	1639 18th	Oakland	
Bunker Hill Co.	1336 16th	Oakland	
Bondrat Metals Corp.	23rd & Minnesota	San Francisco	
Asher Metal Co.	584 4th	San Francisco	equip
Gollan Type Metal Co.	1220 Penn. Av	San Francisco	
Magnolia Metal Co.	660 3rd	San Francisco	
Mars Metal Corp.	Foot of Tunnell Av	San Francisco	equip
Northwest Lead Co.	444 Market	San Francisco	
United American Metals Corp. of California	785 Bryant St.	San Francisco	

(State: Hawaii, Region IX)

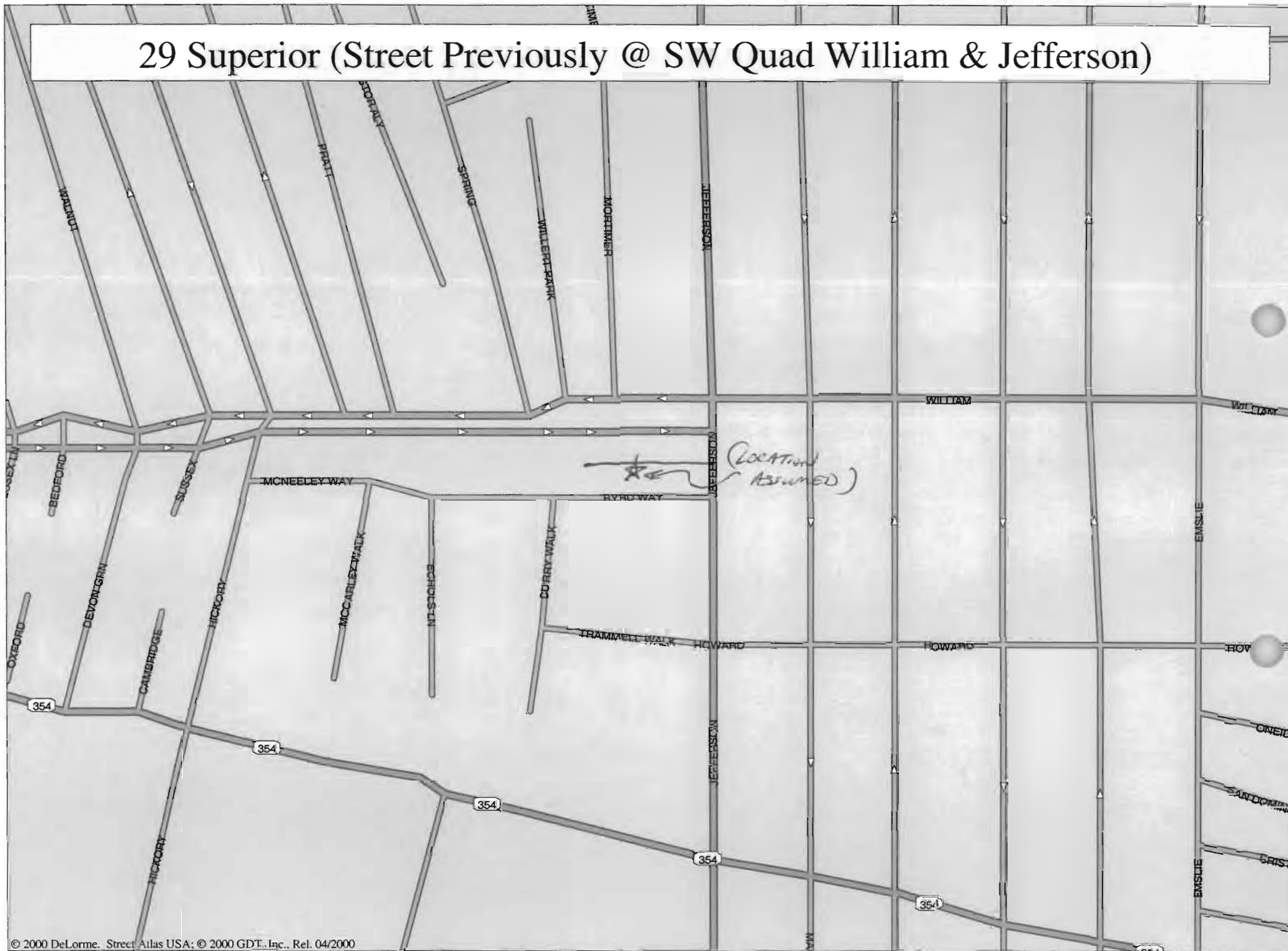
Hawaii Lead Co.	965 Nimitz Highway	Honolulu
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(State: Oregon, Region X)

The Bunker Hill Co.	1233 NW Kearny	Portland
Multnomah Metal Co.	1434 SW Front Ave.	Portland
Pacific Metal Co.	303 N.W. Park	Portland

Note: MSR = indication of smelting equipment or plant location from Metal Smelters and Refiners section of ref. 11.

29 Superior (Street Previously @ SW Quad William & Jefferson)



29 Superior Site (Facing SW)



25 1:21 PM

116 Oak - Former National Lead Site



116 Oak - 1899-1913 Pg 129 (not on 1925 updated to 1961 - Pasted over badly legible though)

STORAGE 1st SHIPPING 2nd
PACKING 3rd MIXING & BAKING 4th

The NATIONAL BISCUIT

WALL PT ONLY
OVENS DRIVEWAY

NATIONAL LEAD CO

OFF.
ENG.
LEAD PIPE MFR.
FURN.
STORAGE AT FRONT.

NIGHT & SUNDAY WATCHMAN
ELECTRIC CLOCK - POWER STEAM
HEAT STEAM - LIGHTS ELECTRIC

CLINT.
87 85 83 81 79 77 75

66'

CLINTON

84 82 78

116 OAK (FACING SW)

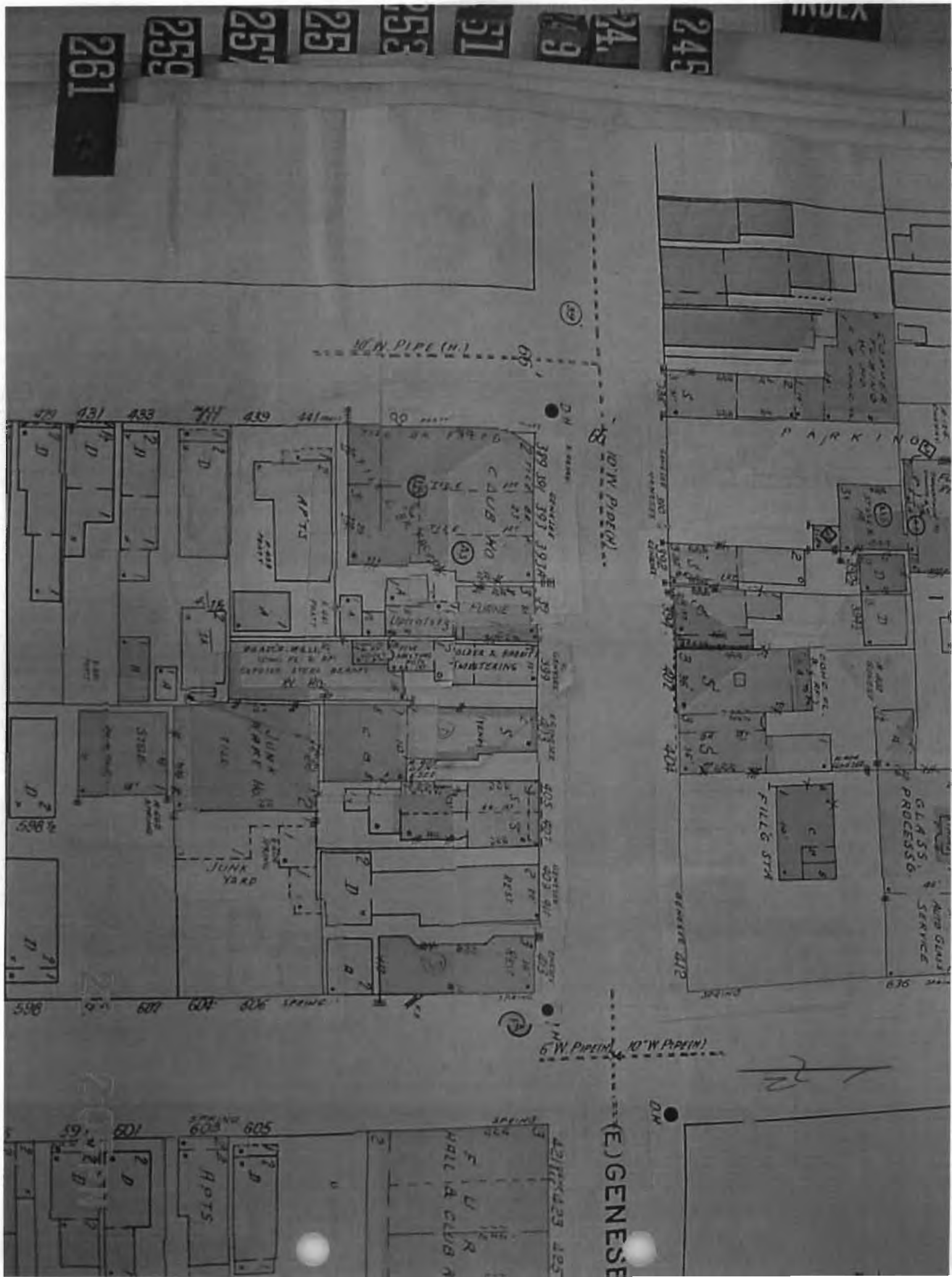


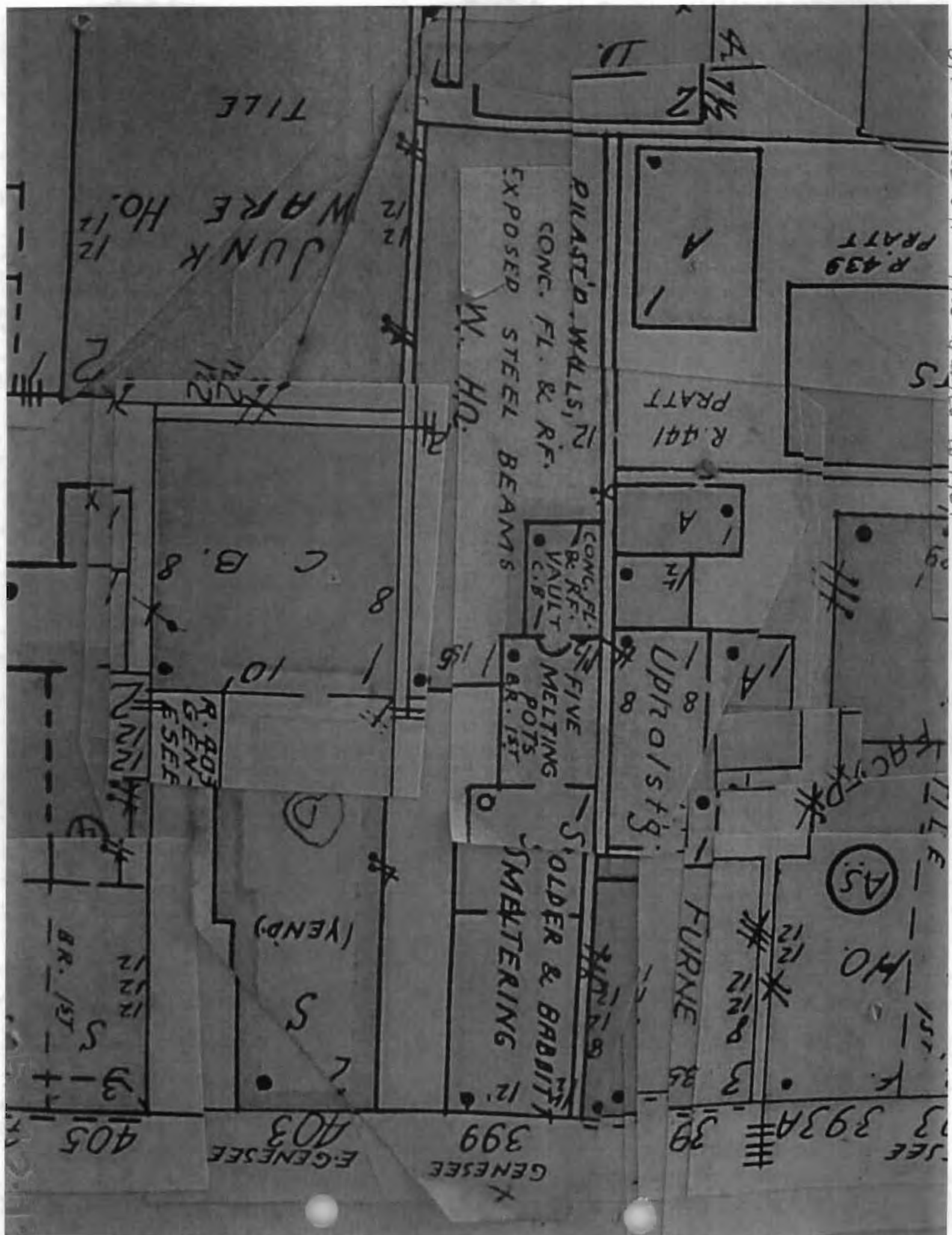
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399 Genesee (Former Reliance Lead Solder & Babbitt Co.)



399 Genesee St.





399 Genesee St. (Facing SE)

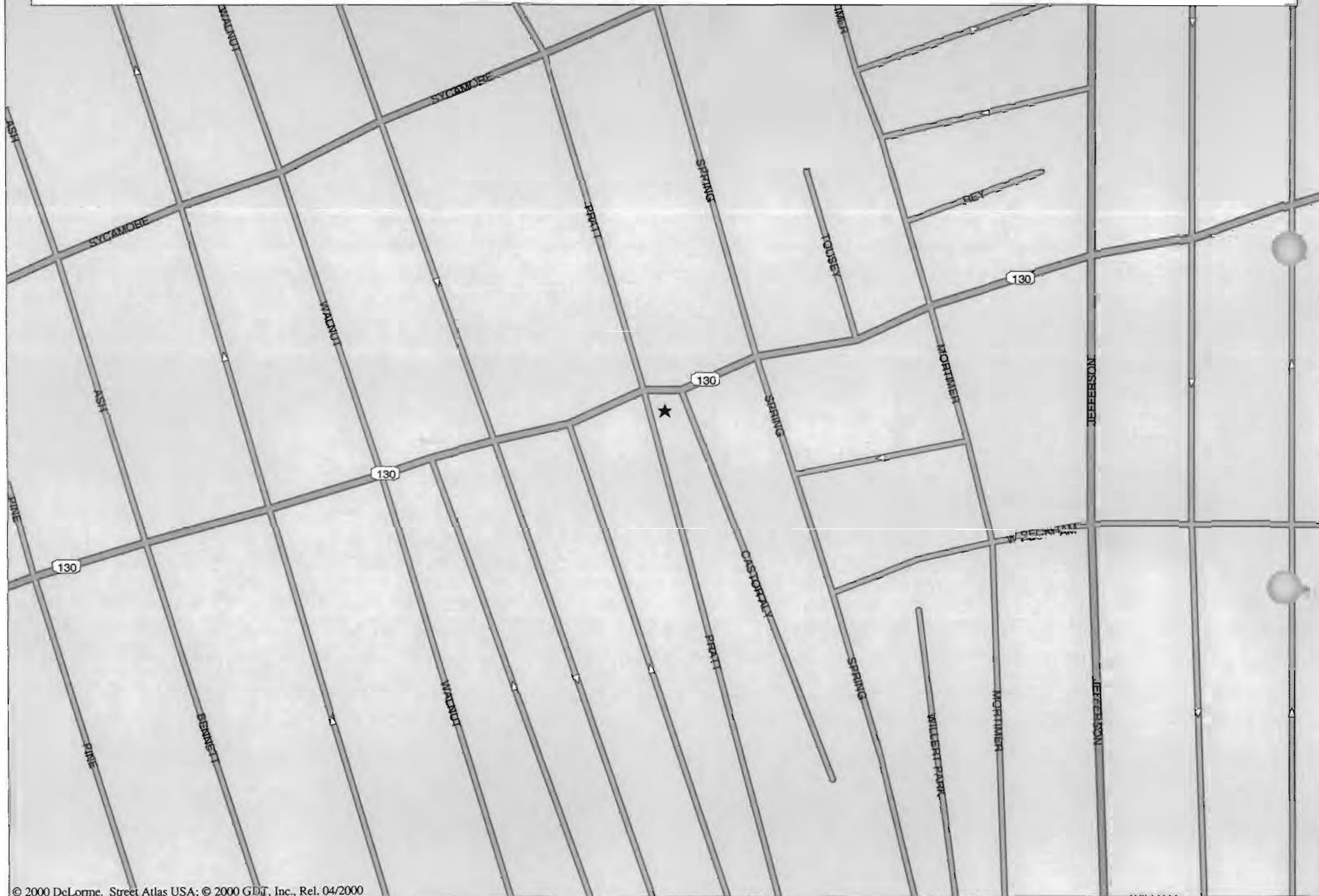


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399 Geneva Street facing SE



425 Broadway (Former Reliance Lead - Plant #2)



425 Broadway (Lead Site @ empty lot on left side of picture) Facing South

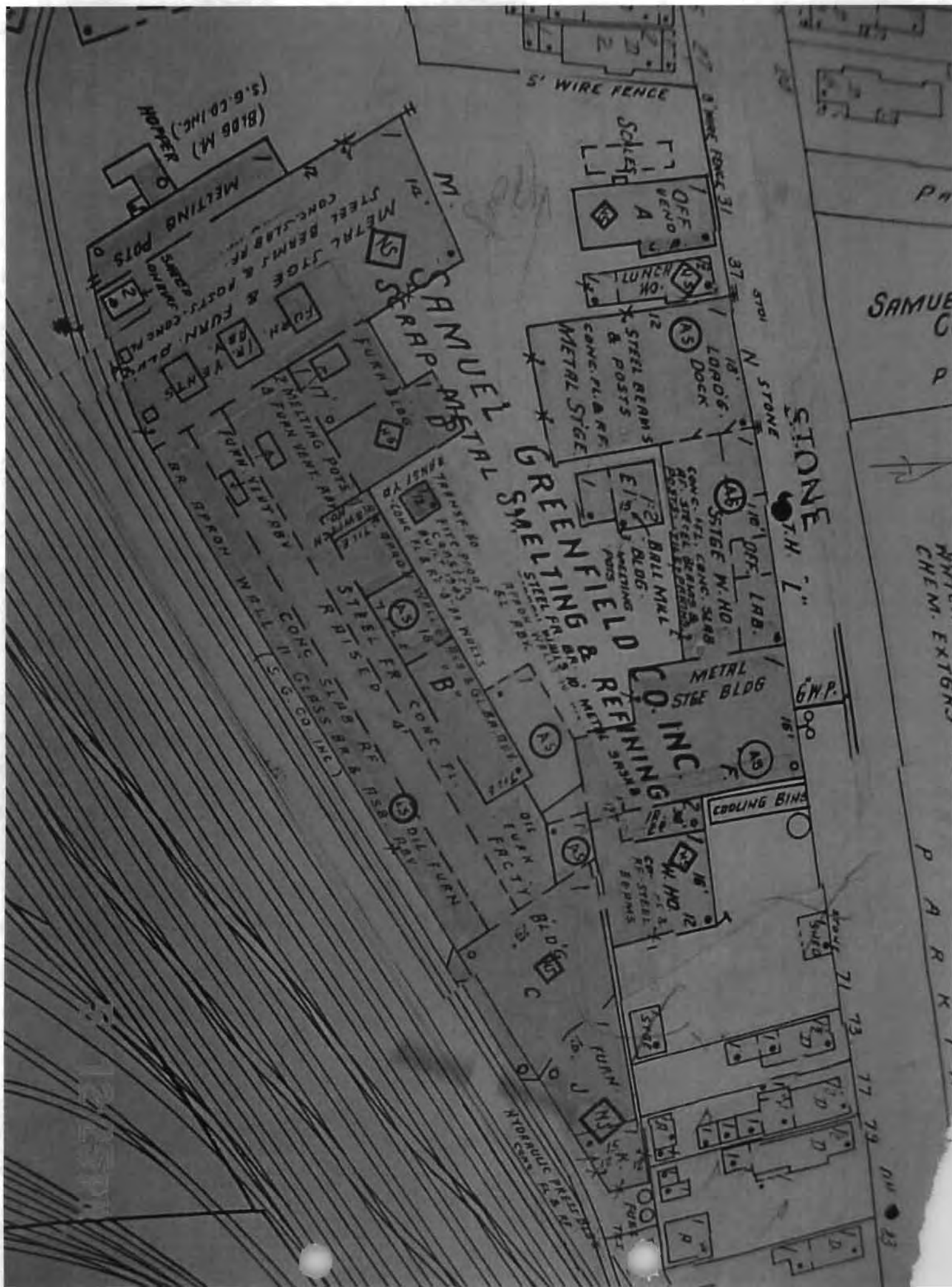


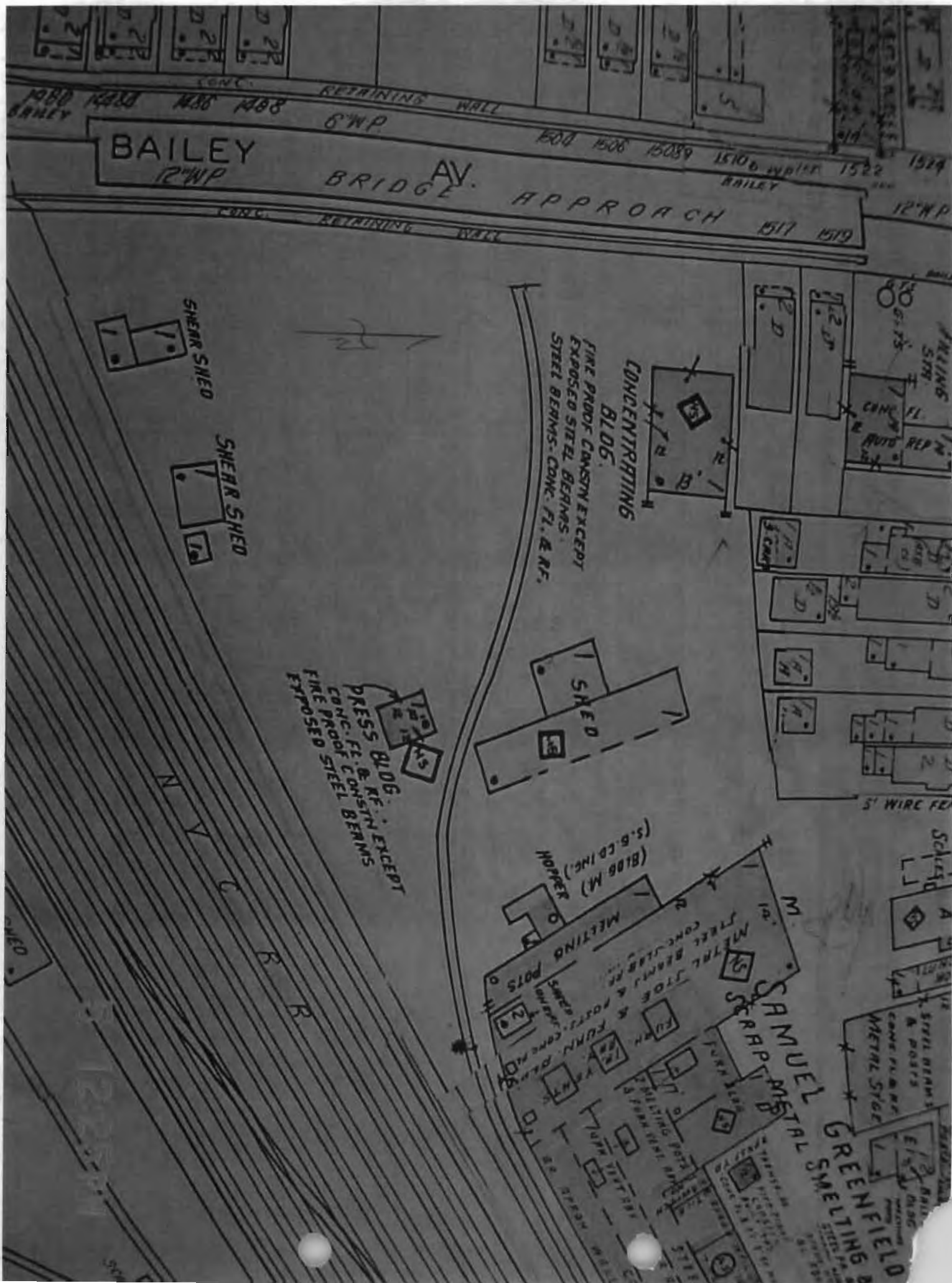
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St. George, Kentucky 40580



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31 Stone - Former Samuel Greenfield Co.





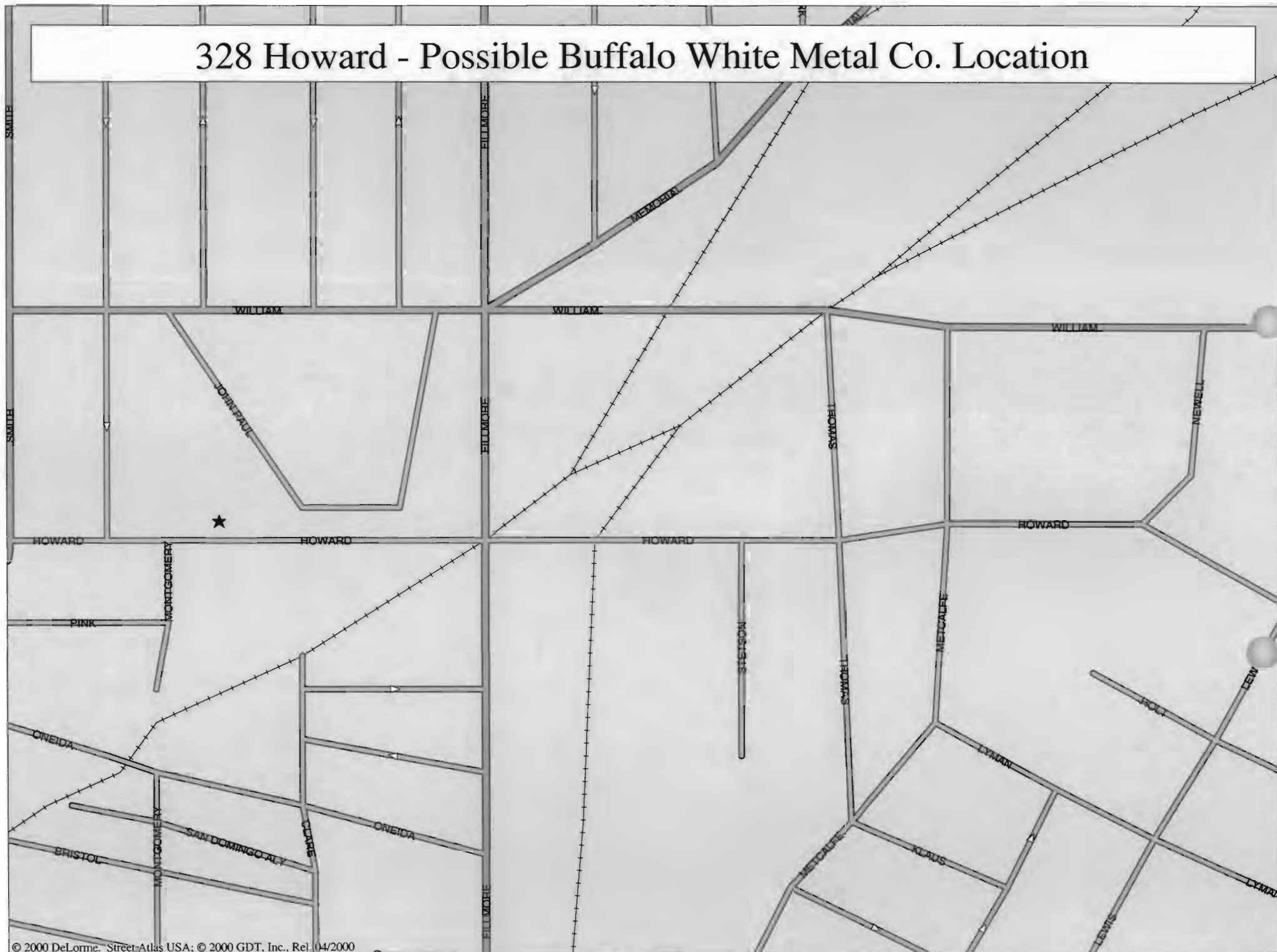
31 Stone St. facing NE from Bailey Ave.

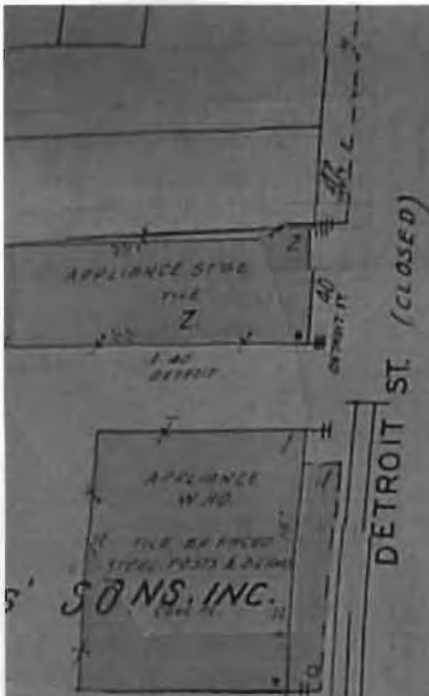


31 Stone St. (looking SE from Bailey Ave.)



328 Howard - Possible Buffalo White Metal Co. Location





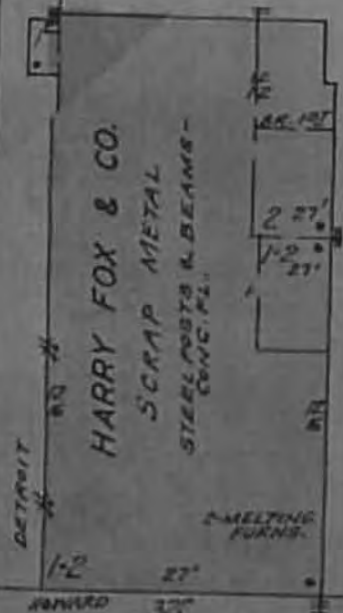
DETROIT ST. (CLOSED)



NOTE: - ALL BUILDINGS EAST OF THIS POINT IN BLOCK 2 HAVE BEEN REMOVED

R M I N A L

FIRE FIGHTER



HOWARD



328 HOWARD ST.

328 Homes facing NE

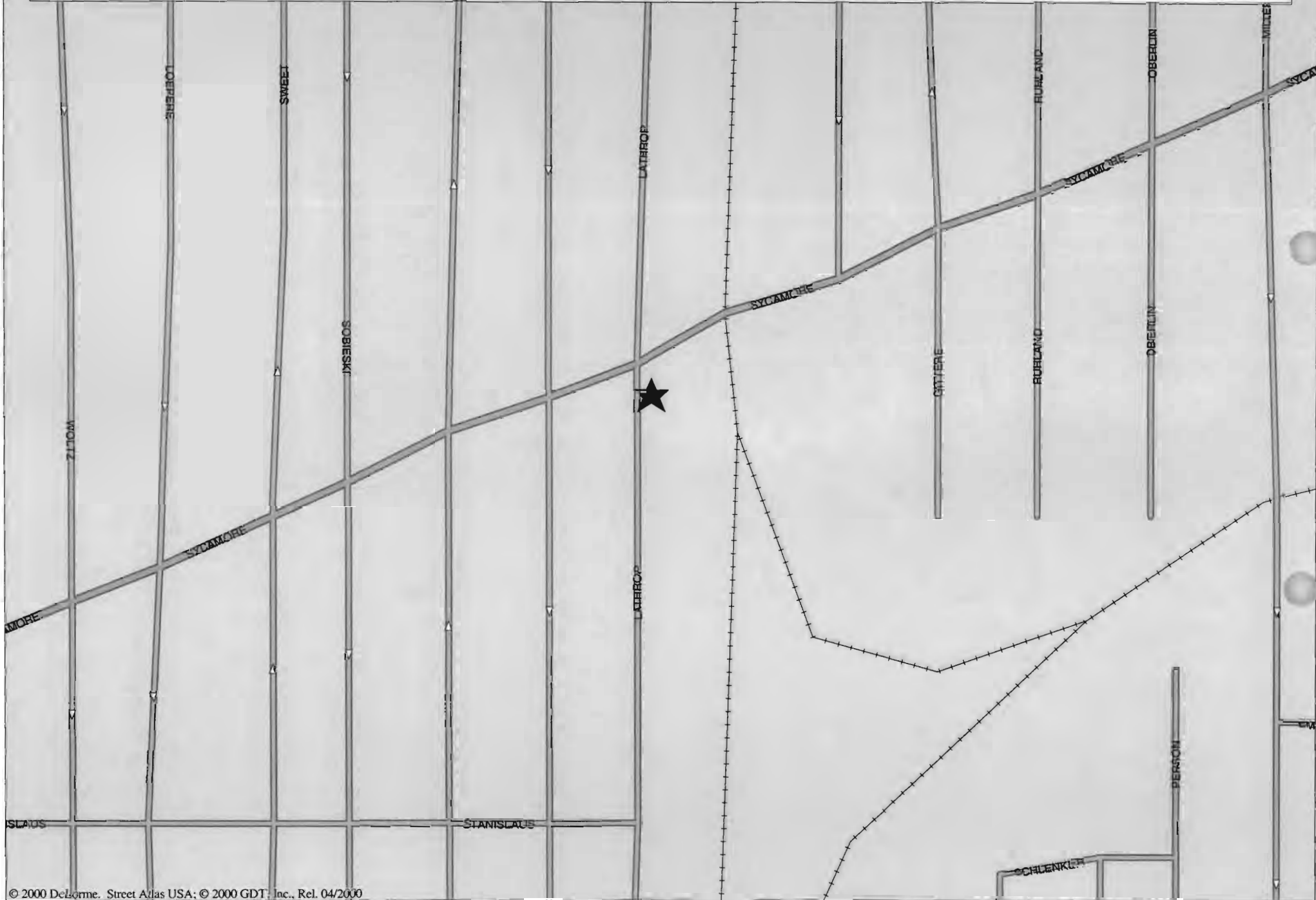


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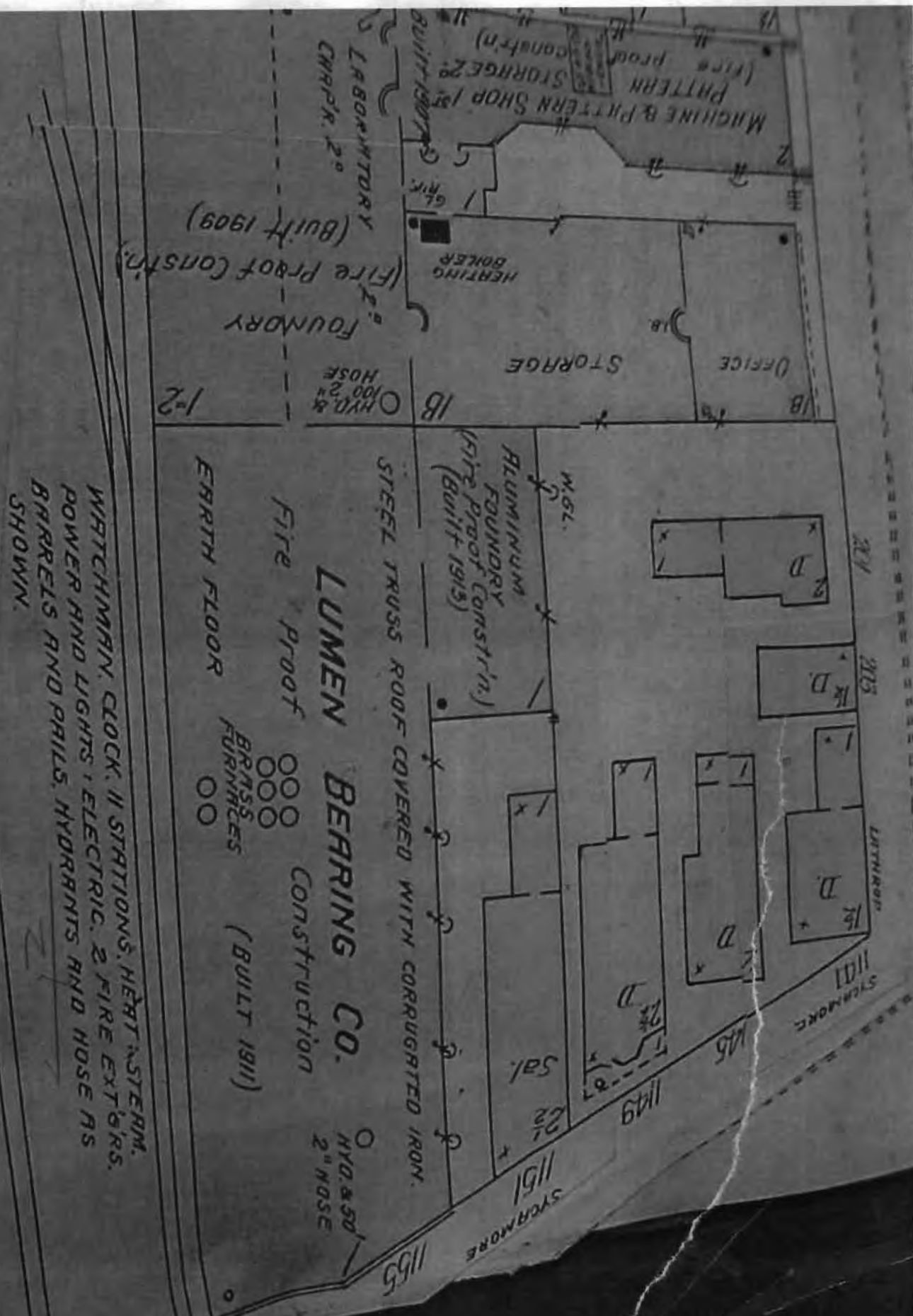
318 Howard (Hwy NE) - Note Mt. Cass and Tausch picture.

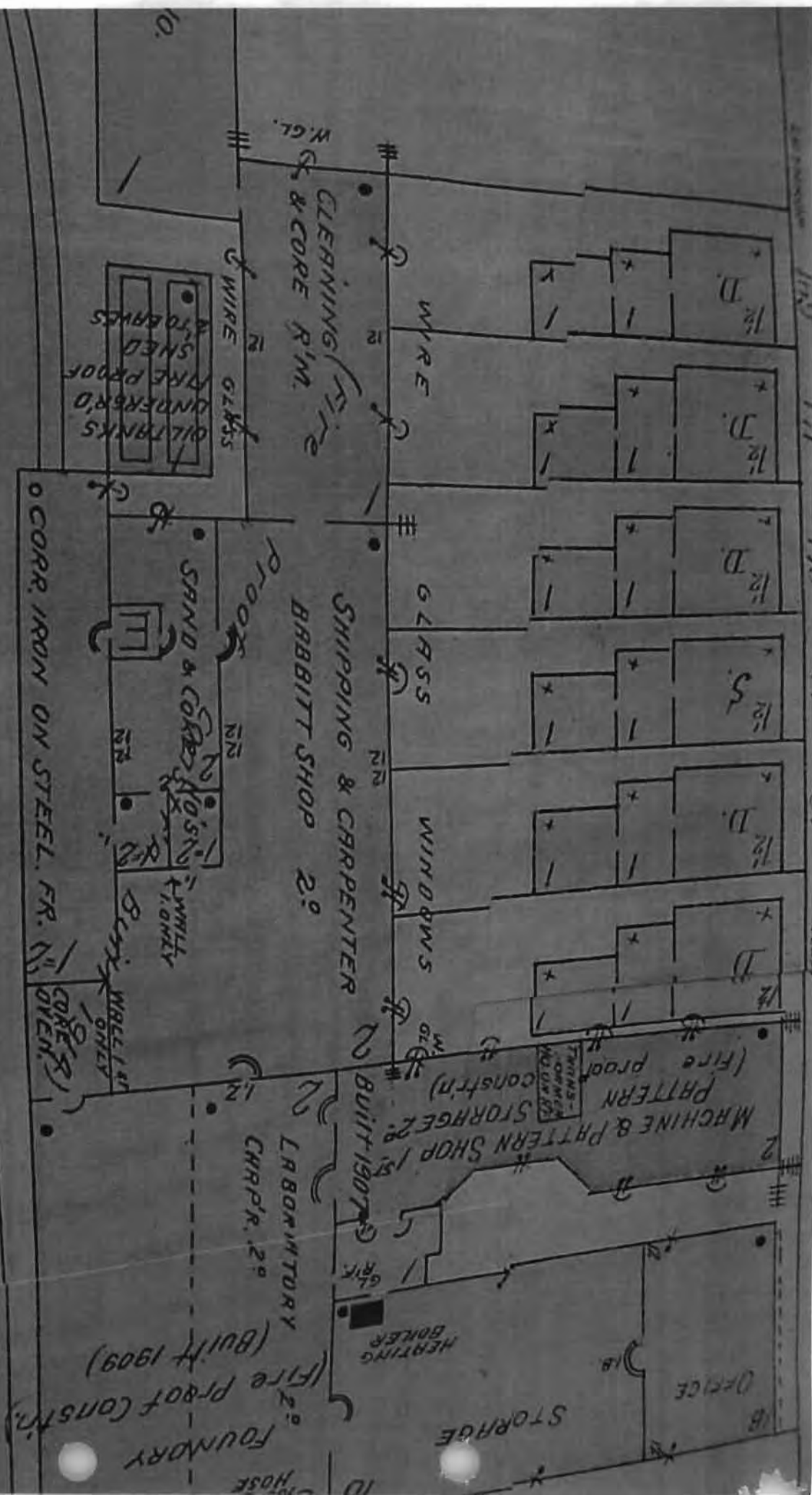


197 Lathrop - Former Lumen Bearing Co.



1899-1914. *Switzerland*. *Ernst C. P. 112*. *-Spec. Collections*.





WITCHAMM, CENTRAL STA SERVICE
HEAT, STEAM, FUEL, OIL, POWER, ELEC
HYD 100' 2 1/2" HOSE, CHEM EXTR'S

FLASK STGE 10A

SAND STORE HO.

STORE HO.

STGE

RECLAIMING SMELTER H.
FIRE PROOF CONSTR
EXCEPT SOME EXPOSED
STEEL, CONC FLS, WALLS & R.

CONCENTRATING PLANT

COMPRESSOR 16
PILOT SHDP
AIR TNS

MACHINE SHOP
FIRE PROOF CONSTR EXCEPT SOME
EXPOSED STEEL, CONC FLS

FIRE PROOF SHED
WOOD SHED
OFF

OFFICE

OFF

SHIPPING
FIRE PROOF
HYD 100' 2 1/2" HOSE

CLEANING RM.

CONSTR'N EXCEPT EXPOSED STEEL, STEEL FRAMES,
CONC FLS & R.F. BR. WALLS.
BUILT 1914

INSPECTION & CLEANING N
BARRITT & CHAPMAN SHOP 28
PATTERN STBL.

FIRE PROOF SHED
SHED OVER
BURIED OIL TNS

MFRS OF BRONZE, BRASS CASTINGS

172 176 178 182 184 188 192 194 196

36" W. PIPE (H.)

U K R A P

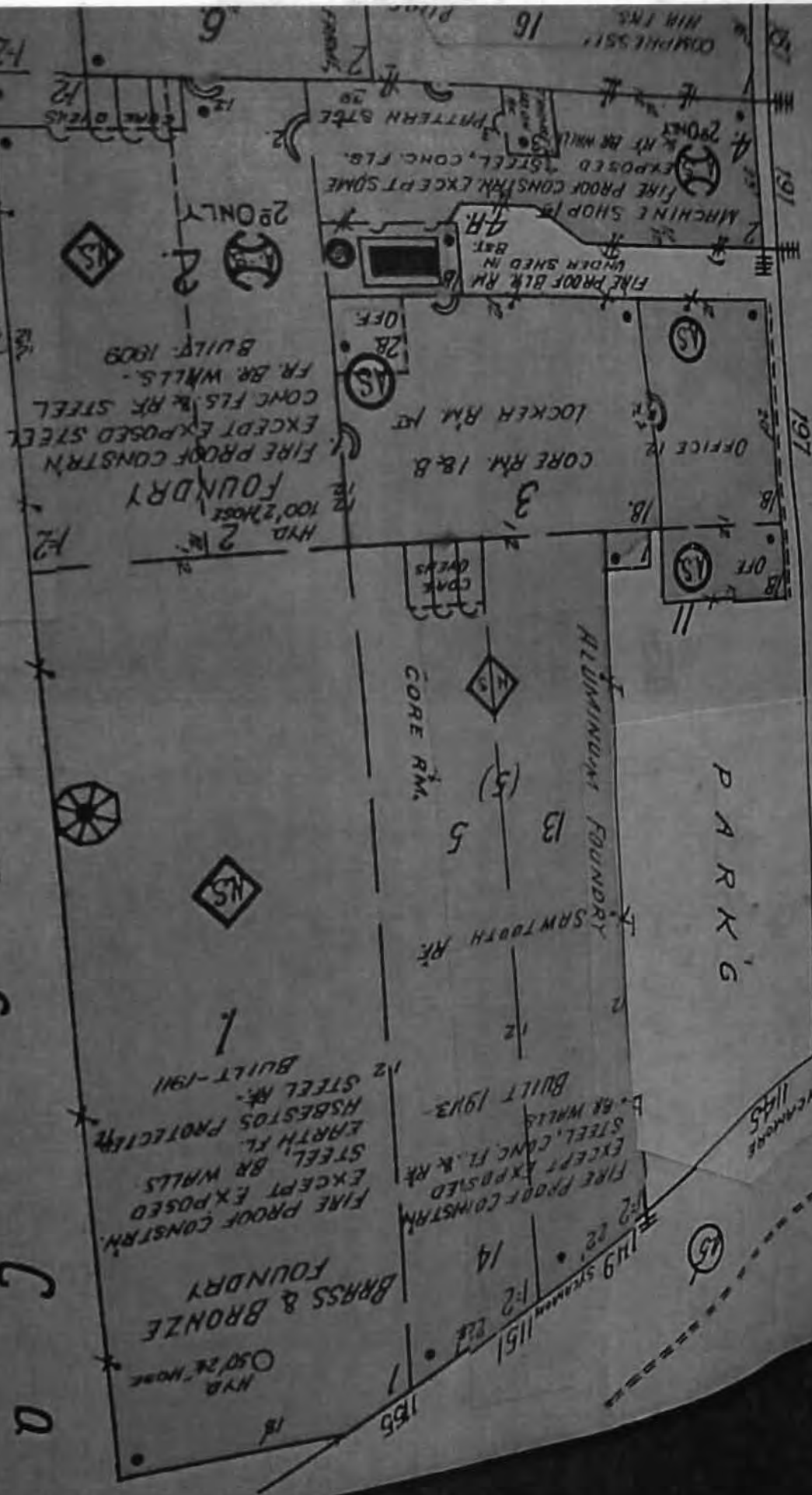
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SYNOPSIS
11/15

CASTINGS

BEARING

ca



197 Corridor — (Facing SW from Sparrow)



23 1:42 PM

197 Lethbridge - facing SE from highway



187 Lathrop - Being NE from Lathrop



925 Bailey - Possible Merit Metals Site



Vol. 7



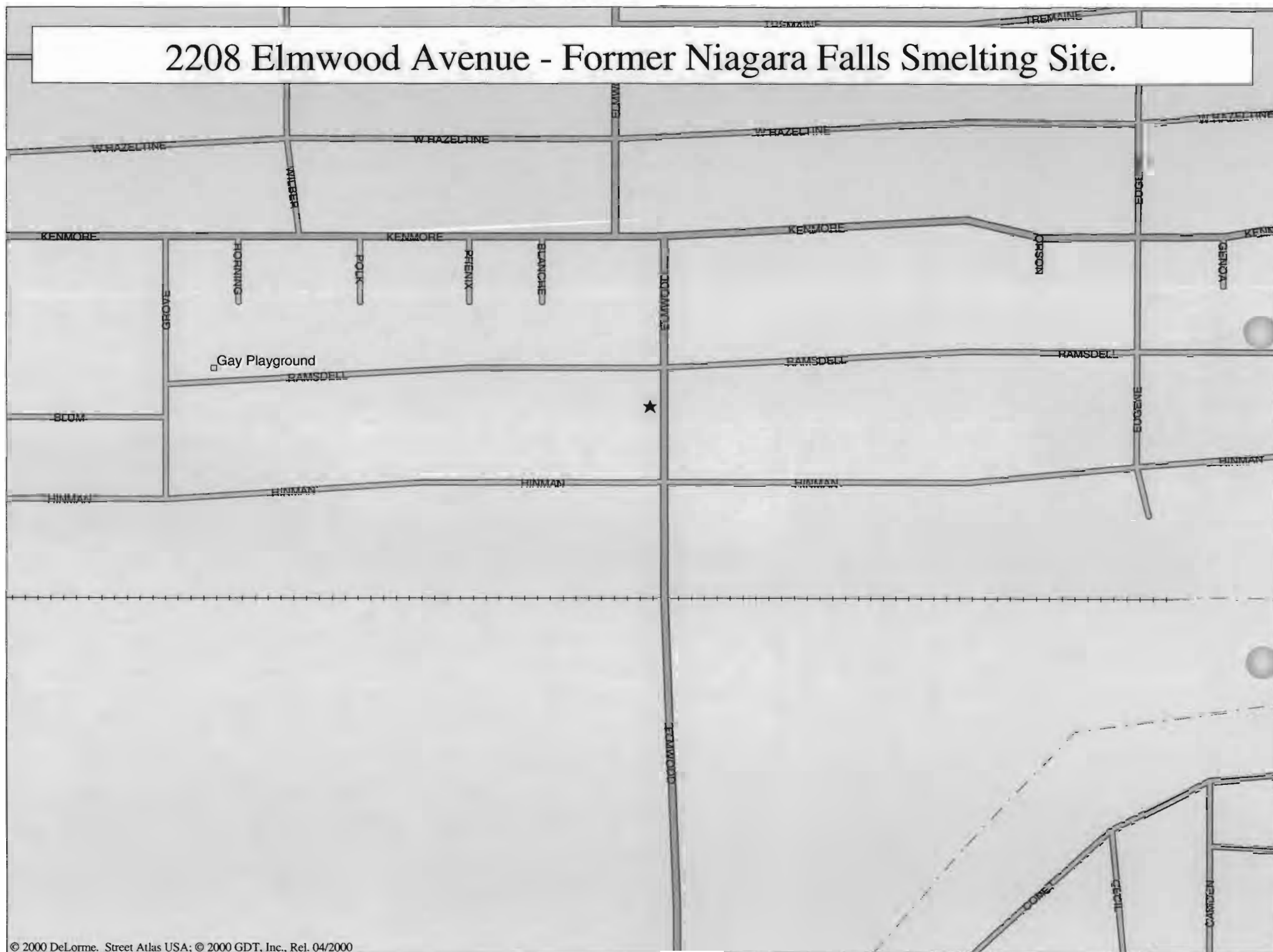
925 Bailey Ave. - (Facing SE from Bailey)



925 Bailey - facing east from Bailey Ave.



2208 Elmwood Avenue - Former Niagara Falls Smelting Site.



2208 Elmwood Ave. 1916 updated to 1961 Vol. 4 Pg. 416

410
NEW SHEET
JUNE 1918

PIPE (H) (1912)

DH

RANSDELL

CONTINENTAL COPPER & STEEL INDUSTRIES INC. 5 D.H.

RANSDELL

FUEL OIL TKS

ENCLOSED BY 6" WIRE FENCE
BLOWER SYSTEM SMELTING FURNACES
CHEM. EXTENS. POWER: ELEC. HEAT STEAM
FUEL: OIL WATCHMAN CENTRAL STA.

NS NO 3

OFF. 2208 ELMWOOD

FACTY BLDG
NS

MACH. SHOP & FINISHED PRODUCTS
W. H. O. TILES GLASS IN METAL SASH ABV

AS

TILE APPROX WALL 6" W.P.

2206 ELMWOOD

2204 ELMWOOD

R 2204 ELMWOOD

PARKING

12-37 PM

NC 1960
LEC. 8
8

PERM OP

PAVING

CTORS

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OKING

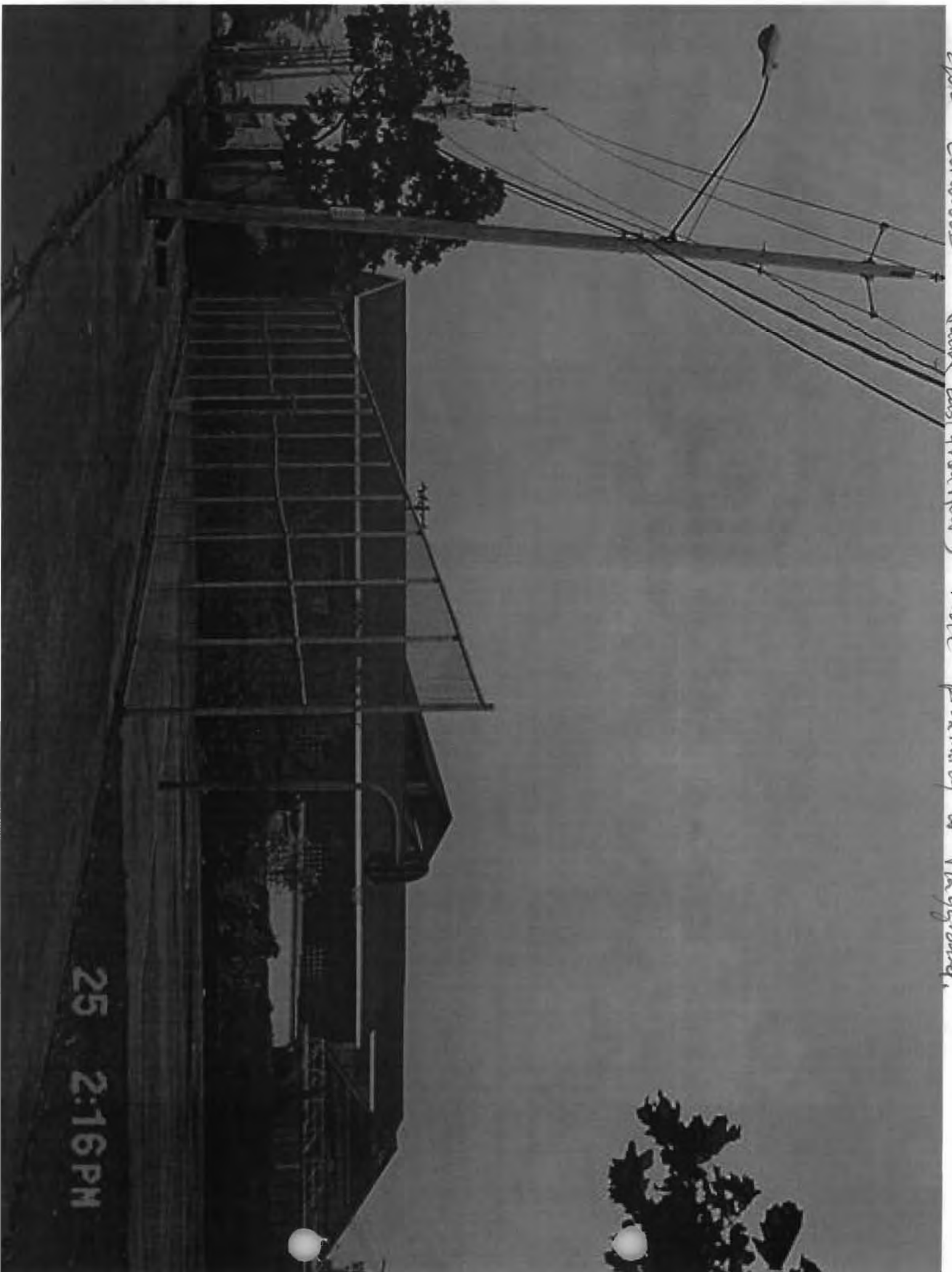
1-1-1

2208 Elmwood - (facing NW from Elmwood) Site is Pecked Building on Right Side of Picture



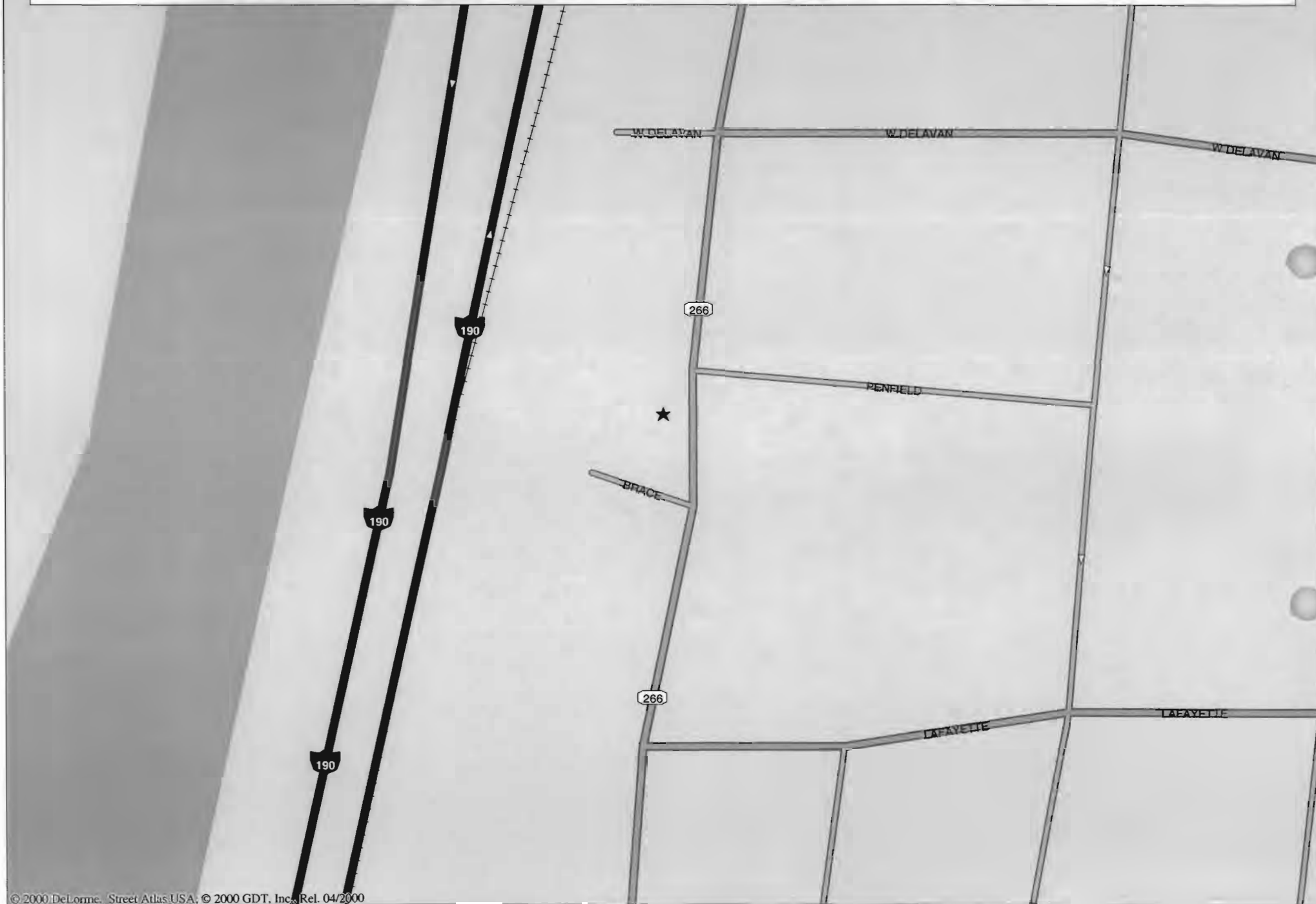
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2208 Edmunds - (Facing East from Rear) Note proximity of Playground.



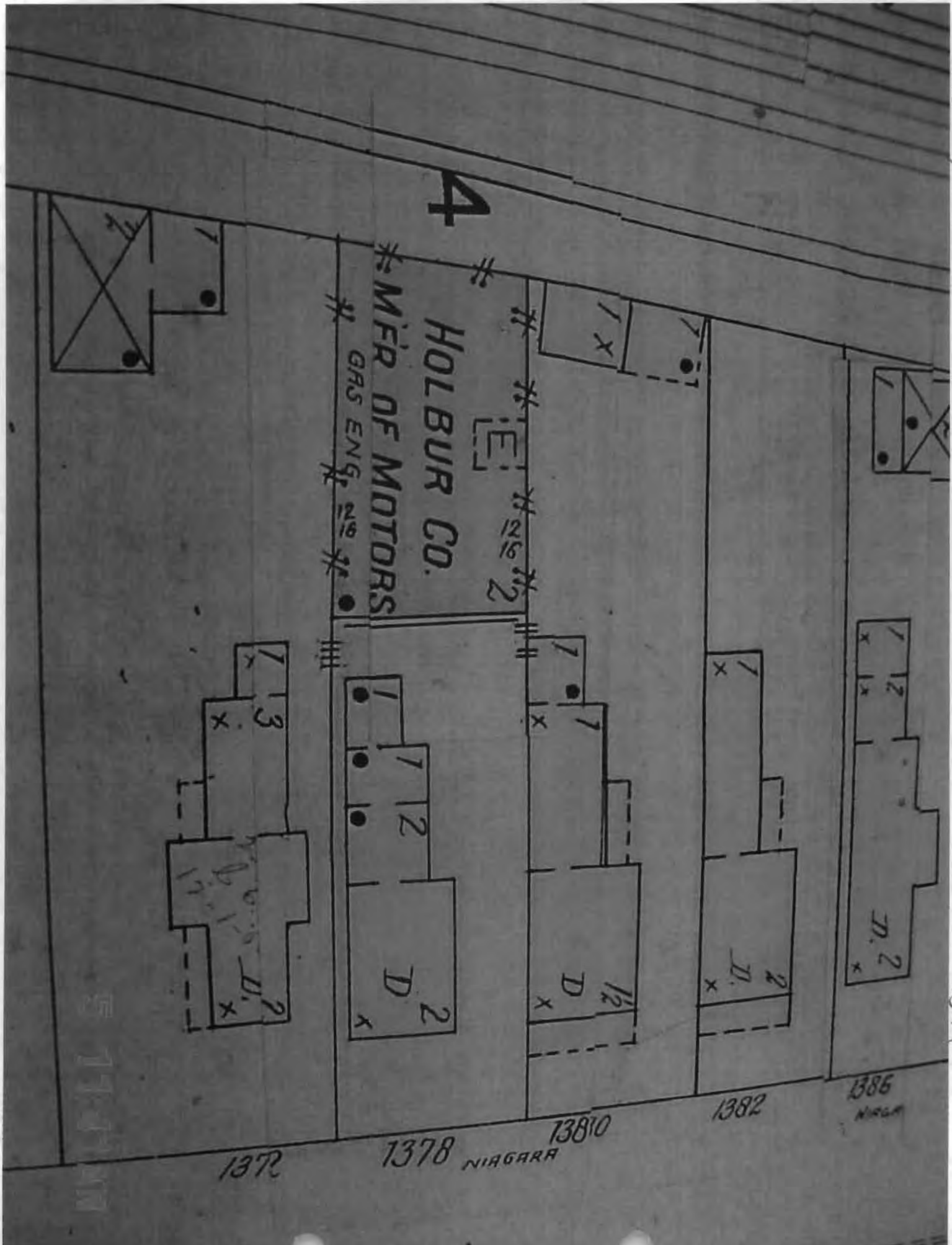
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1378 Niagara Street - Former Niagara Metal Co.

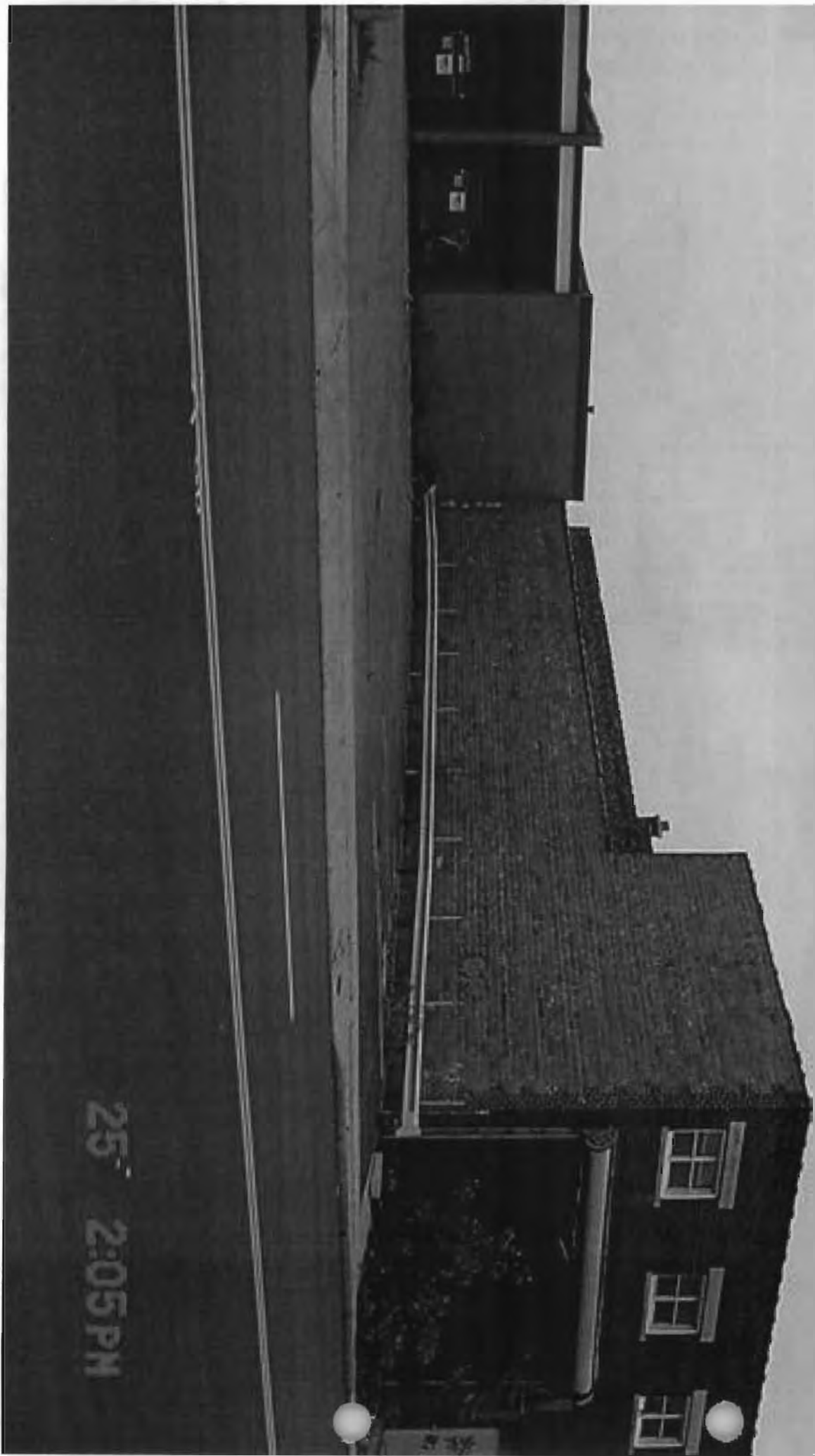


1378 Niagara Street

1899



1378 NIAGARA ST. (Facing West from Niagara St.) - Site is lot extending from Niagara St. along Caville Rail through De



25 2:05 PM



MVC-673S.JPG



MVC-674S.JPG



MVC-675S.JPG



MVC-676S.JPG



MVC-677S.JPG



MVC-678S.JPG



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Dave, Sanborn map for smelter



1924-1925

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